

United States Patent and Trademark Office  
- Sales Receipt -

01/13/2006 DPOLLARD 00000004 083260 10619016

01 FC:2254 795.00 DA



IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Scheffer, Douglas ) Art Unit: 3722  
Serial No. 10/619,016 ) Examiner: Dana Ross  
Filed: July 11, 2003 ) Cust. No. 22931  
For: PIPE BEVELING TOOL AND ) Attorney  
METHOD ) Ref. No.: P114464

5 MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Certificate of Mailing (37 CFR 1.8a)

I hereby certify that this document (along with any document referred to as being attached or enclosed) is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner of Patents and Trademarks, PO Box 1450, Alexandria VA 22313-1450, on date shown below.

10

December 13, 2005

Date Stephanie Brown  
Stephanie Brown

15 **RESPONSE TO RESTRICTION REQUIREMENT AND SECOND PRELIMINARY  
AMENDMENT**

Sir:

This is in response to the last Office Action mailed this last July 8, 2005. A response was due this August 10, 2005. A notice of a non-compliant amendment  
20 was given and mailed on August 8, 2005. Our office did not receive this correspondence until November 28, 2005. A petition to reset the reply period is enclosed herewith. A check for \$275 for the additional claims. If any additional fee is due, please charge this to Deposit Account No. 08-3260.

In the last Office Action, the Examiner presented a Restriction Requirement  
25 where a first species was noted by the Examiner that was directed to an apparatus as recited in claims 1-15 and 20-27. The Examiner noted a second species drawn to a method as recited in claims 16-19.

Accordingly, an election to the first species is hereby made by the applicant with traverse whereby claims 1-15 and 20-27 in classification 29, subclass 33T is  
30 hereby made.

12/20/2005 GWORDDF1 00000018 10619016

01 FC:2202

275.00 DP

17236 U.S. PTO  
07/11/03

PTO/SB/17 (8/99)  
Approved for use through 09/30/2000. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.  
Small Entity payments must be supported by a small entity statement,  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.  
See 37 C.F.R. §§ 1.27 and 1.28.

|   |  |                          |                  |
|---|--|--------------------------|------------------|
| <b>TOTAL AMOUNT OF PAYMENT</b> \$375.00 |  | <b>Complete if Known</b> |                  |
|   |  | Application Number       |                  |
|   |  | Filing Date              | July 11, 2003    |
|   |  | First Named Inventor     | Douglas Scheffer |
|   |  | Examiner Name            |                  |
|   |  | Group / Art Unit         |                  |
|   |  | Attorney Docket No.      | P114464          |

| <b>METHOD OF PAYMENT</b>   |              | <b>FEE CALCULATION (continued)</b>  |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
|--|--------------|---|--------------|-----------------|--------------|-----------------|----------|--------------------|--------|-------------------------------------|--------|-------------------|-----|--|------|------------------|---------|---------------------------|--------------|---------------------|----------|--|--|------------------------|--|--|--|-----------------------------------|-----------|---|--|---------------------------------------|--|--|--|---|--|---|--|---|--|--|--|-------------------|--------|---|--|-------------------|--|--|--|-----------------|--|------------------|--|-----------------|--|--|--|-----------------|--|--------------------------|--|---------------------|--|---|--|----------------|--|----------------------------------|--|-------------------|--|------------------------------------|--|-------------------|--|--------------------------------|--|-----------------|--|------------------|--|-----------------|--|-----------------|--|-----------------|--|-------------------------------|--|---------------|--|---|--|-----------------|--|---|--|---------------|--|--|--|-----------------|--|---|--|-----------------|--|--|--|---------------------------|--|--|--|---------------------------|--|--|--|----------------------------------|--|------------------------|--|
| 1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to credit any overpayment to the account stated below.<br><br>Deposit Account Number: 08-3260<br><br>Deposit Account Name:<br><br><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17  |              | <b>3. ADDITIONAL FEES</b><br><table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>105 130 205 65</td> <td></td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>127 50 227 25</td> <td></td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>139 130 139 130</td> <td></td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>147 2,520 147 2,520</td> <td></td> <td>For filing a request for reexamination</td> <td></td> </tr> <tr> <td>112 920* 112 920*</td> <td></td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>113 1,840* 113 1,840*</td> <td></td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>115 110 215 55</td> <td></td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>116 380 216 190</td> <td></td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>117 870 217 435</td> <td></td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>118 1,360 218 680</td> <td></td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>128 1,850 228 925</td> <td></td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>119 300 219 150</td> <td></td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>120 300 220 150</td> <td></td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>121 260 221 130</td> <td></td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>138 1,510 138 1,510</td> <td></td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>140 110 240 55</td> <td></td> <td>Petition to revive - unavoidable</td> <td></td> </tr> <tr> <td>141 1,210 241 605</td> <td></td> <td>Petition to revive - unintentional</td> <td></td> </tr> <tr> <td>142 1,210 242 605</td> <td></td> <td>Utility Issue fee (or reissue)</td> <td></td> </tr> <tr> <td>143 430 243 215</td> <td></td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>144 580 244 290</td> <td></td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>122 130 122 130</td> <td></td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>123 50 123 50</td> <td></td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>126 240 126 240</td> <td></td> <td>Submission of Information Disclosure Stmt</td> <td></td> </tr> <tr> <td>581 40 581 40</td> <td></td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> <tr> <td>146 760 246 380</td> <td></td> <td>Filing a submission after final rejection (37 CFR § 1.129(a))</td> <td></td> </tr> <tr> <td>149 760 249 380</td> <td></td> <td>For each additional invention to be examined (37 CFR § 1.129(b))</td> <td></td> </tr> <tr> <td colspan="2">Other fee (specify) _____</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">Other fee (specify) _____</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">Reduced by Basic Filing Fee Paid</td> <td colspan="2">SUBTOTAL (3) (\$ 0.00)</td> </tr> </tbody> </table> |              | Large Entity    | Small Entity | Fee Description | Fee Paid | 105 130 205 65     |        | Surcharge - late filing fee or oath |        | 127 50 227 25     |     | Surcharge - late provisional filing fee or cover sheet |      | 139 130 139 130  |         | Non-English specification |              | 147 2,520 147 2,520 |          | For filing a request for reexamination |  | 112 920* 112 920*      |  | Requesting publication of SIR prior to Examiner action |  | 113 1,840* 113 1,840*             |           | Requesting publication of SIR after Examiner action |  | 115 110 215 55                        |  | Extension for reply within first month |  | 116 380 216 190                                 |  | Extension for reply within second month |  | 117 870 217 435   |  | Extension for reply within third month |  | 118 1,360 218 680 |        | Extension for reply within fourth month |  | 128 1,850 228 925 |  | Extension for reply within fifth month |  | 119 300 219 150 |  | Notice of Appeal |  | 120 300 220 150 |  | Filing a brief in support of an appeal |  | 121 260 221 130 |  | Request for oral hearing |  | 138 1,510 138 1,510 |  | Petition to institute a public use proceeding |  | 140 110 240 55 |  | Petition to revive - unavoidable |  | 141 1,210 241 605 |  | Petition to revive - unintentional |  | 142 1,210 242 605 |  | Utility Issue fee (or reissue) |  | 143 430 243 215 |  | Design issue fee |  | 144 580 244 290 |  | Plant issue fee |  | 122 130 122 130 |  | Petitions to the Commissioner |  | 123 50 123 50 |  | Petitions related to provisional applications |  | 126 240 126 240 |  | Submission of Information Disclosure Stmt |  | 581 40 581 40 |  | Recording each patent assignment per property (times number of properties) |  | 146 760 246 380 |  | Filing a submission after final rejection (37 CFR § 1.129(a)) |  | 149 760 249 380 |  | For each additional invention to be examined (37 CFR § 1.129(b)) |  | Other fee (specify) _____ |  |  |  | Other fee (specify) _____ |  |  |  | Reduced by Basic Filing Fee Paid |  | SUBTOTAL (3) (\$ 0.00) |  |
| Large Entity   | Small Entity | Fee Description   | Fee Paid     |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 105 130 205 65   |              | Surcharge - late filing fee or oath   |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 127 50 227 25  |              | Surcharge - late provisional filing fee or cover sheet  |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 139 130 139 130  |              | Non-English specification   |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 147 2,520 147 2,520  |              | For filing a request for reexamination  |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 112 920* 112 920*  |              | Requesting publication of SIR prior to Examiner action  |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 113 1,840* 113 1,840*  |              | Requesting publication of SIR after Examiner action   |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 115 110 215 55   |              | Extension for reply within first month  |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 116 380 216 190  |              | Extension for reply within second month   |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 117 870 217 435  |              | Extension for reply within third month  |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 118 1,360 218 680  |              | Extension for reply within fourth month   |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 128 1,850 228 925  |              | Extension for reply within fifth month  |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 119 300 219 150  |              | Notice of Appeal  |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 120 300 220 150  |              | Filing a brief in support of an appeal  |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 121 260 221 130  |              | Request for oral hearing  |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 138 1,510 138 1,510  |              | Petition to institute a public use proceeding   |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 140 110 240 55   |              | Petition to revive - unavoidable  |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 141 1,210 241 605  |              | Petition to revive - unintentional  |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 142 1,210 242 605  |              | Utility Issue fee (or reissue)  |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 143 430 243 215  |              | Design issue fee  |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 144 580 244 290  |              | Plant issue fee   |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 122 130 122 130  |              | Petitions to the Commissioner   |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 123 50 123 50  |              | Petitions related to provisional applications   |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 126 240 126 240  |              | Submission of Information Disclosure Stmt   |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 581 40 581 40  |              | Recording each patent assignment per property (times number of properties)  |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 146 760 246 380  |              | Filing a submission after final rejection (37 CFR § 1.129(a))   |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 149 760 249 380  |              | For each additional invention to be examined (37 CFR § 1.129(b))  |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| Other fee (specify) _____  |              |   |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| Other fee (specify) _____  |              |   |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| Reduced by Basic Filing Fee Paid   |              | SUBTOTAL (3) (\$ 0.00)  |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| <b>FEE CALCULATION</b>   |              |   |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| <b>1. BASIC FILING FEE</b><br><table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>101 760 201 380</td> <td></td> <td>Utility filing fee</td> <td>375.00</td> </tr> <tr> <td>106 310 206 155</td> <td></td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>107 480 207 240</td> <td></td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>108 760 208 380</td> <td></td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>114 150 214 75</td> <td></td> <td>Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="3">SUBTOTAL (1)</td> <td>\$ 375.00</td> </tr> </tbody> </table>  |              | Large Entity  | Small Entity | Fee Description | Fee Paid     | 101 760 201 380 |          | Utility filing fee | 375.00 | 106 310 206 155                     |        | Design filing fee |     | 107 480 207 240  |      | Plant filing fee |         | 108 760 208 380           |              | Reissue filing fee  |          | 114 150 214 75                         |  | Provisional filing fee |  | SUBTOTAL (1)   |  |                                   | \$ 375.00 |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| Large Entity   | Small Entity | Fee Description   | Fee Paid     |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 101 760 201 380  |              | Utility filing fee  | 375.00       |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 106 310 206 155  |              | Design filing fee   |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 107 480 207 240  |              | Plant filing fee  |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 108 760 208 380  |              | Reissue filing fee  |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 114 150 214 75   |              | Provisional filing fee  |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| SUBTOTAL (1)   |              |   | \$ 375.00    |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| <b>2. EXTRA CLAIM FEES</b><br><table border="1"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>-20 = 0</td> <td>9.00</td> <td>-0-</td> </tr> <tr> <td>3</td> <td>-3 = 0</td> <td>42.00</td> <td>-0-</td> </tr> <tr> <td>Multiple Dependent</td> <td>none</td> <td></td> <td>\$ 0.00</td> </tr> </tbody> </table> <p>*or number previously paid, if greater. For Reissues, see below</p> <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>103 18 203 9</td> <td></td> <td>Claims in excess of 20</td> <td></td> </tr> <tr> <td>102 78 202 39</td> <td></td> <td>Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>104 260 204 130</td> <td></td> <td>Multiple dependent claim, if not paid</td> <td></td> </tr> <tr> <td>109 78 209 39</td> <td></td> <td>Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>110 18 210 9</td> <td></td> <td>Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> <tr> <td colspan="3">SUBTOTAL (2)</td> <td>\$ -0-</td> </tr> </tbody> </table> |              | Total Claims  | Extra Claims | Fee below       | Fee Paid     | 20              | -20 = 0  | 9.00               | -0-    | 3                                   | -3 = 0 | 42.00             | -0- | Multiple Dependent                                     | none |                  | \$ 0.00 | Large Entity              | Small Entity | Fee Description     | Fee Paid | 103 18 203 9                           |  | Claims in excess of 20 |  | 102 78 202 39  |  | Independent claims in excess of 3 |           | 104 260 204 130                                     |  | Multiple dependent claim, if not paid |  | 109 78 209 39                          |  | Reissue independent claims over original patent |  | 110 18 210 9                            |  | Reissue claims in excess of 20 and over original patent |  | SUBTOTAL (2)                           |  |                   | \$ -0- |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| Total Claims   | Extra Claims | Fee below   | Fee Paid     |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 20   | -20 = 0      | 9.00  | -0-          |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 3  | -3 = 0       | 42.00   | -0-          |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| Multiple Dependent   | none         |   | \$ 0.00      |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| Large Entity   | Small Entity | Fee Description   | Fee Paid     |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 103 18 203 9   |              | Claims in excess of 20  |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 102 78 202 39  |              | Independent claims in excess of 3   |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 104 260 204 130  |              | Multiple dependent claim, if not paid   |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 109 78 209 39  |              | Reissue independent claims over original patent   |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| 110 18 210 9   |              | Reissue claims in excess of 20 and over original patent   |              |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |
| SUBTOTAL (2)   |              |   | \$ -0-       |                 |              |                 |          |                    |        |                                     |        |                   |     |  |      |                  |         |                           |              |                     |          |  |  |                        |  |  |  |                                   |           |   |  |                                       |  |  |  |   |  |   |  |   |  |  |  |                   |        |   |  |                   |  |  |  |                 |  |                  |  |                 |  |  |  |                 |  |                          |  |                     |  |   |  |                |  |                                  |  |                   |  |                                    |  |                   |  |                                |  |                 |  |                  |  |                 |  |                 |  |                 |  |                               |  |               |  |   |  |                 |  |   |  |               |  |  |  |                 |  |   |  |                 |  |  |  |                           |  |  |  |                           |  |  |  |                                  |  |                        |  |

|                     |                         |                                   |                |
|---------------------|-------------------------|-----------------------------------|----------------|
| <b>SUBMITTED BY</b> |                         | <b>Complete (if applicable)</b>   |                |
| Name (Print/Type)   | Robert B. Hughes        | Registration No. (Attorney/Agent) | 19,304         |
| Signature           | <i>Robert B. Hughes</i> | Telephone                         | (360) 647-1296 |
|                     |                         | Date                              | July 11, 2003  |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.